

LEDOCHOWSKI, Andrzej; LEDOCHOWSKI, Zygmunt; RADZIKOWSKI, Czeslaw;
WYSOCKA-SKRZELA, Barbara; KOZINSKA, Barbara; CZECHLOWSKA, Teresa;
MICKIEWICZ, Olcha; PAC-POMARNACKA, Elzbieta

Research on tumor inhibiting compounds. XI. Rocznik chemii
36 no.5:827-833 '62.

1. Department of Technology of Medicaments, Technical University,
Gdansk, Laboratory No.8. Institute of Organic Synthesis, Polish
Academy of Sciences, Gdansk, Department of Pathological Anatomy,
Medical Academy, Gdansk.

CZECHOLINSKI, K.

The production of bacon in the Chojnice Meatworks. p. 11, (GOSPODARKA MIESNA, Vol. 6, No. 1, Jan. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5
May 1955, Uncl.

CECHOWIŃSKI, E.

New hygienic and sanitary rooms in the Meat Processing Plant in Bydgoszcz.

F. 29. (CZERWONA PRACY: BEMPIĘKSTKA I RĘKAWICA PRACY) (Warszawa, Poland)
Vol. 13, no. 2, Feb. 1958

IC: Monthly Index of Cost European Accesision (EMI) 13 Vol. II, No. 5, 1958

CZECHOWICZ, A.

Holland also has recuperated territories. p. 313.

PREZEGLAD GEODEZYJNY. (Stowarzyszenie Naukowo-Techniczne Geodetów Polskich)
Warszawa, Poland Vol. 15, no. 8/9, Aug./Sept. 1959.

Monthly List of East European Accessions (EEA) LC, Vol. 9, no. 2, Feb. 1960.

Uncl.

P/029/60/000/003/002/002
A076/A126

AUTHORS: Czechowicz, Aleksander, Master of Engineering

TITLE: Hydrostatic levelling

PERIODICAL: Przeglad Geodezyjny, no. 3, 1960, 87 - 88

TEXT: The author describes a hydrostatic levelling instrument type "Meissner", its operating principle, maintenance and servicing, and names scientists who were first to use such instrument in 1930 - 33, i.e., Takahasi, Japan; Terzaghi, Germany and Löschner, Switzerland. As to the precision of this instrument, the author states that, while levelling an 18 km long area in Denmark, an average reading error of ± 0.09 mm was noted during a 19 day observation period. An average error of ± 0.04 mm was noted during a 13 day observation period, while levelling a 4 km area in Oresund. According to J. Spettman, an average error ranging from ± 0.004 to ± 0.048 mm was noted in 171 observations with the aid of the levelling instrument type "Metron". The average error, calculated for these observations was ± 0.032 mm and for two observations of the same area ± 0.027 mm. Assuming that the magnitude of average error of $n = \pm 0.03$ mm - for this type of elevation measurements - is adequate. This was confirmed by research in 1958

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P/V29/60/000/003/002/002
A076/A126

Hydrostatic levelling

made in the area of the Huta im. Lenin (Steel Plant im. Lenin) and in the Zakład Geodezji Górnictwa Akademii Górniczo-Hutniczej (Department of Mining Geodesy of the Academy of Mining and Metallurgy) in Krakow. During 3 days, 16 observations of elevation variations of height marks stabilized in the walls of the plant building were made. A temperature of +22 to +24°C was noted during observations. The results obtained showed a difference in height of $h = 29.155$ mm, with an average error of ± 0.025 mm. For control purpose 18 additional observations from three different points were made with a precision levelling instrument equipped with an invar rod. The result was $\Delta h = 29.143$ mm with an average error of ± 0.033 mm. The author concludes that the hydrostatic levelling instrument may be satisfactorily used in enclosed areas, where wind and other atmospheric conditions do not influence the water level. Further, it would be of great help if some kind of electrically operated warning device could be built into the instrument, showing the operator the precise moment of contact with water surface.

There are 2 figures and 1 table.

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CZECHOWICZ, A.

On work in Guinea; a second letter. Przegl geod 35
no.1:39-42 Ja '63.

CZECHOWICZ, Aleksander

A letter on a Polish geodesist's work in Guinea. Przedl geod 34 no.10:
434-435 0 '62.

CZECHOWICZ, Antoni, mgr inż.

Current realization of the tasks of technical and organizational progress in heavy industry. Przegl techn [84] no.44:2,9
4 N '62.

1. Podsekretarz Stanu, Ministerstwo Przemysłu Ciezkiego,
Warszawa.

CZECHOWICZ, Antoni, inz.

Problems of water management in heavy industry. Gosp wodna
23 no. 8/?:302-304 Ag-S '63.

1. Vice Minister of Heavy Industry, Warsaw.

Czechowicz, J.

3129. Czechowicz, J. A report on an x -ray investigation of the wood joints (in English). Bull. Acad. Polonaise Sci. (2) IV, 1, 3, 129-133, 1956.

This paper constitutes a special presentation of a small fragment of a more extensive research work carried out by the author on steel bolts as connectors in timber structures (in print). The joints investigated worked in compression and consisted basically of three wooden elements connected by a steel bolt of diameter d , provided with nuts and washers. The sum of thicknesses of the outside members $a + b$ was equal to the thickness of the center member c . The load was applied axially and was parallel to the grain of the wood. The ratio c/d varied from 1.2 to 7.0. The application of x rays makes it possible to obtain a picture of destruction with all its vital features intact, whereas a section much through the joint cannot be effected without partial destruction of the most revealing areas. A detailed interpretation of 6 photographs of x -ray plates reproduced in the text has been included.

The character of destruction in joint's made up of comparatively thin members ($a+d \leq 2$) is distinctly different from that in joints where the members are thick ($3 \leq c+d \leq 7$). In joints with comparatively thick members, the character of destruction is distinctly different when nuts and washers are used. The pattern of destruction of joints by bolts with nuts and washers can be roughly compared to that of a beam with both ends fixed, joints by bolts only, to that of a simple supported beam. The degree of compactness of the wood measured as the ratio of specific gravity of the wood in the areas of destruction to that of wood outside those areas was found to be between 1.5 and 2.1, the average ratio being 1.86. This value was not found to depend on the c/d ratio. From author's summary.

(P)

J.P. [Signature]

GZECHOWICZ, J.

3530

674.030.0.001.4 : 621.886.2

Czechowicz J. Comparison of Round and Square Section Building Nails in Use.

„Porównanie drutów okrągłych i kwadratowych gwoździ budowlanych". Inżynieria i Budownictwo, Nr. 2, 1934, pp. 38-43, 2 figi, 3 tabl.

Laboratory experiments confined to 4.6 mm gauge nails were, without elaborating formulas for safe load, devoted to determining the comparative reliability of joints made with round and with square section nails. The results of the experiments were developed by methods of mathematical statistics. It was found that 4.6 mm square section nails are no more economical than round section ones.

POL. A

Czechowicz, J.

3068

874.032.16 : 030.173.001.24

Czechowicz J. Relationship between the Compression Strength along the Fibres of Pine-Wood (*Pinus Silvestris*) and Specific Gravity.

„Zależność wytrzymałości drewna sosny (*Pinus silvestris*) na skale
na wzdłuż włókien od ciężaru właściwego”. Inżynieria i Budownictwo,
No. 10, 1954, pp. 303-306, 2 figs.

On the basis of detailed analyses and mathematical elaboration of
3022 test results, the following relationship was obtained: at a correlation
coefficient of 0.6, $R_{c10} = 859 \cdot Y^{10} - 42$. This formula is adequate for
Poisson conditions. Determination of the strength R_c can be effected on
a special self-computing chart.

1. Comparison of the levels of building
gas used by the two countries (in Pwh). Intra-

country comparisons were made by the examination of records and
the use of statistical methods. The data were generally chronological
and were plotted on a graph for visual comparison.
The data were also plotted on a graph for each country, and
the results were compared. The results showed that the levels carried
out by the two countries were similar, with the data on
the same scale for the two countries. Some
of the data showed a slight increase in the strength of the
gas used by the two countries, while others showed a slight
decrease. The data showed a general increase in the strength of the
gas used by the two countries.

2. Comparison of the levels of building
gas used by the two countries (in Pwh). Inter-

country comparisons were made by the examination of records and
the use of statistical methods. The data were generally chronological
and were plotted on a graph for visual comparison.
The data were also plotted on a graph for each country, and
the results were compared. The results showed that the levels carried
out by the two countries were similar, with the data on
the same scale for the two countries. Some
of the data showed a slight increase in the strength of the
gas used by the two countries, while others showed a slight
decrease. The data showed a general increase in the strength of the
gas used by the two countries.

CZECHOWICZ, J.

"Application of X rays(roentgen) in research and technique." p. 352.
(INZINERIA I BUDOWNICTWO Vol. 11, No. 12, Dec. 1954. WARSZAWA, POLAND)

SO: Monthly List of East European Acquisitions. (EHAL). LC. Vol. 4, No. 4,
April 1955. Unclassified.

CZECHOWICZ, J.

Steel bolts as fasteners in wooden constructiins.

P. 209 (Archiwum Inżynierii Ładowej. Vol. 3, no. 3, 1957) Warszawa, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. ?, no. 2,
February 1958

P/005/61/000/006/001/005
AC76/A026

AUTHOR: Czechowicz, Jan, Master of Engineering, Vice Minister

TITLE: The Basic Tasks of Heavy Industry

PERIODICAL: Przeglad Techniczny, 1961, No. 6, pp. 5 - 6

TEXT: The author outlines the basic tasks of the Polish heavy industry during the coming 5-year plan. By 1965, the global production of heavy industry will increase by 70%, as compared to 1960. At the same time national production will increase by 52%. The above indexes give the basic tendencies of the coming 5-year plan, which will depend on further intensive industrialization of Poland through basic tasks placed on the machine industry, whose production until 1965 will increase by 87%, as compared to 1960. Important tasks were also placed on the iron and steel industry, which will increase its production value by 54%; steel production by 40%, i.e., 9.3 million tons; rolled products by 44%; and raw materials by 52%, as compared to 1960. The non-ferrous metal industry will increase its production of aluminum by 193%, of zinc by 32%, of copper concentrates by 63% and of copper ore by 45%, as compared to 1960. During the 5-year plan a new copper ore mine will be built, which will cover the national demand. A considerable part of

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A076/A026

products manufactured during 1961 - 65 will be exported, increasing two-fold by 1965, as compared to 1960. Basic changes in the export structure will occur during that period. The export of machines, equipment and industrial consumer goods will increase from 27.9% in 1960 to 37.7% by 1965. The export of machinery, i.e. RR rolling stock, ships, industrial plants, milling machines, building machinery and paper producing machines will reach 27% of the total production by 1965. Further, special stress will be placed on: expansion of the electrification of Poland and improvement of production technology; expansion of mechanization in agriculture, in loading and unloading operations and local transportation; automation of production processes, introduction of electronics in the production of machines, production increase of control and measuring devices of automation elements and precision machines. Special attention will be paid in machine industry to production methods and it is proposed to introduce metal saving milling, welding, molding and plastic machining methods, as well as expanding the production of high-quality steel. Further, the metallurgical industry will concentrate on introducing technical progress in coke production, automation of coking batteries, loading and sorting operations, etc; production increase of pipes, cold-rolled metal sheets, bent profiles, etc. About 600 new types of machines and equipment will be produced by the machine and electrotechnical industry during the 5-year plan; about 200 types of machines will

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be modernized and production of 250 types of outdated products and machines will be stopped. It is planned to develop power engineering machines and equipment. e.g. 120 Mw turbines with hydrogen coolant, high-pressure boilers with a capacity of 100 t steam pressure/h fueled with brown coal and 380 t steam pressure/h high-pressure boilers fueled with mineral coal; 63 Mw turbines; 130 - 150 Mva, 220 kv block transformers and 50 to 63 Mva 110 kv block transformers made of cold-rolled metal sheet. About 60 new types of agricultural machines will be produced during 1961 - 65; 120 , 80 and 6 metric ton cranes with telescope towers, 5 - 6 ton and 7 - 10 ton road rollers will be produced for the building industry; inter-plant transportation equipment will be extended to the production of combustion engine, battery operated and hydraulic trucks. RR rolling stock will be modernized, production of a new 2,850 hp electric locomotive with a speed up to 125 km/h and a triple-cambridge locomotive adapted for high and low platforms will begin. The ship building industry will produce 19,000 RT tankers, 14,500 RT motor tramps and 12,300 RT general cargo ships as well as 500 - 550 hp/cyl. marine engines. During the 1961-65 period about 5.2 billion zloty will be spent on plant modernization, and 5 - 6 billion zloty on industrial research. The employment figures during this period in heavy industry will increase from 77,000 to 88,000. There are 3 tables.

ASSOCIATION: Przemysł Ciężki (Heavy Industry)

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The Basic Tasks of Heavy Industry

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A076/A026

Table 1: ① Machine and Metal Industry; ② Products: ① Water tube boilers, ② steam turbines, ③ ship engines, ④ main drive, ⑤ ship engines, ⑥ power units, ⑦ metal mill machinery, ⑧ metal cutting, ⑨ lathes for plastic, ⑩ metal machining, ⑪ machines and equip for metallurg. industry, ⑫ machines and equip for chemical industry, ⑬ machines and equip for food industry, ⑭ machines for paper industry, ⑮ machines and equip for brickmaking without cranes, ⑯ roller bearings; ⑰ Units of measurement: ⑱ t/m, ⑲ Mw, ⑳ units, ㉑ hp/1,000, ㉒ units, ㉓ hp/1,000, ㉔ units, ㉕ t, ㉖ units, ㉗ thousand tons, ㉘ thousand tons, ㉙ thousand tons, ㉚ thousand tons, ㉛ thousand tons.

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P/095/61/A026 6/201/05
A076/A026

The Basic Tasks of Heavy Industry

Table 1 continued

Wyznaczanie	Jedn. miliary	1937	1949	1955	1960	1965
Kotły wodno-rurkowe	t/h	—	—	1985	3837	5700
Turbiny parowo energetyczne	MW	—	—	19,3	189,8	600
Silniki okrętowe napędu głównego	szt.	—	—	—	11	181
Silniki okrętowe agregatowe	tys. KM	—	—	—	54,8	420,3
Obrabiarki do metali skrawające	szt.	3890	5200	12700	21740	32360
Obrabiarki do obróbki plastycznej metali	t	1200	8900	22900	30990	54715
Maszyny i urządzenia dla przem. hutniczego	tys. t	530	180	1800	2702	4300
Maszyny i urządzenia dla przem. chemicznego	tys. t	520	550	4000	8734	20500
Maszyny dla przem. spożywczego	tys. t	2,0	1,4	9,8	31,5	60,0
Maszyny dla przem. papieru i druku	tys. t	0,73	0,916	1,5	2,0	7,3
Maszyny i urządzenia do robót ziemnych, budowlanych i drogowych (bez dźwigów)	tys. t	0,27	0,79	23,6	46,5	71,2
Lotyska toczne	tys. szt.	—	0,4	3283	12014,8	27019,5

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The Basic Tasks of Heavy Industry

P/005/61/000/006/001/005
A076/A206

Table 3: (A) Supply of tractors and machines, in units, for the agricultural industry; (1) 2-axle tractors and caterpillars, (2) calculated as 15 hp units, (3) single-axle tractors, (4) electric motors, (5) sowing machines for tractors, (6) mowing machines for tractors, (7) harvesters, (8) sheaf-tying machines, (9) excavators, (10) threshing machines, (11) grain combines, (12) silo combines, (13) beet combines, (14) potato combines.

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A076/A026

The Basic Tasks of Heavy Industry

Table 3 continued

	1949	1955	1960	1965
Traktory 2-osiowe i gaśnicowe w jednostkach fizycznych w przeliczeniu na 15 KM	5004 5892	0807 0206	11500 13553	29306 31220
Traktory 1-osiowe	—	—	700	2000
Silniki elektryczne	—	—	37000	60000
Siewniki zbożowe traktorowe	500	2198	3000	8800
Kosłarki traktorowe	100	2301	2500	12000
Żniwiarki	2616	4980	9200	7000
Snopowiązaki traktorowe	750	3338	7500	14000
Kopaczki traktorowe	3	3053	1300	13400
Mlećarnie silnikowe o wyd. pow. 50/godz.	—	819	11100	16350
Kombajny zbożowe	20	966	—	4100
Siloakombajny	—	—	1400	2000
Kombajny buraciane	—	—	—	1000
Kombajny ziemniaczane	—	—	5	800

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CZECHOWICZ, Janus, mgr inz.

Problem of applying ventilation reversion according to the
present state of research. Wiadom zorn 15 no. 4:138-140
Ap '64.

CZECHOWICZ, Janusz, mgr inz.; NIEWIADOMSKI, Alfred, mgr.

The course of fire and fire combating action connected
with methane ignition. Wiadom gorn 15 no.5:173-175 My'64.

CZECHOWICZ, Janusz, mgr inż.; KACORZYK, Edward, mgr inż.

Conditioning of mines for reversion of the existing ventilation
to a simple uncomplicated ventilation system. Glow inst gorn prace
no. 343/351:61-69 '54.

1. Central Mining Institute, Katowice.

CZECHOWICZ, Janusz, mgr inz.

Fires originating from self-ignited methane effusing from the rocks, and ways of controlling them. Wiadom gorn 16 no.4:123-128 Ap '65.

ZARZYCKI, Jan; CZECHOWICZ, Kazimierz

Studies on the histogenesis of os pari in dog. Folia morphologica
12 no.1:19-25 '61.

1. Zaklad Histologii i Embryologii, Akademia Medyczna, Wrocław.
Kierownik: Prof.dr.Z.Sembratowa.

*

KOWARZYKOWA, Zofia; ZARZYCKI, Jan; KOWALEWSKA, Danuta; CZECHOWICZ,
Kazimierz; PERYT, Alina

Attempted application of cytochemical reactions in cultivated
heart fragments. Postepy hig. med. dosw. 16 no.1:135-138 '62.

l. Z Pracowni Hodowli Tkanek Instytutu Immunologii i Terapii
Dowiadczalnej PAN im. L. Hirszfelda we Wrocławiu Kierownik:
prof. dr Z.Kowarzykowa.
(HEART anat & histol) (TISSUE CULTURE)

KOWARZYKOWA, Zofia; ZARZYCKI, Jan; KARPIAK, Stanislaw E.; KOWALEWSKA, Danuta;
KOCHMAN, Marian; PERYT, Alina; CZECHOWICZ, Kazimierz

The metabolic gradient in the development of embryonic chick heart.
Acta med. Pol. 4 no.4:351-360 '63.

1. Institute of Immunology and Experimental Therapy, Polish Academy
of Sciences, Wroclaw. Director: S. Slopek.

KOWARZYKOWA, Zofia; ZARZYCKI, Jan; KARPIAK, Stanislaw E.;
KOWALEWSKA, Danuta; PERYT, Alina; CZECHOWICZ, Kazimierz

Metabolic gradient of the embryonic heart. Postepy hig. med.
dosw. 17 no.1/2:207-208 '63.

1. Z Instytutu Immunologii i Terapii Doswiadczałnej PAN im.
L. Hirschfelda we Wrocławiu.
(MYOCARDIUM) (METABOLISM)
(STAINS AND STAINING)
(CHICK EMBRYO)

KOWARZYKOWA, Zofia; ZARZYCKI, Jan; KARPIAK, Stanislaw E.; KOWALEWSKA,
Danuta; KOCHMAN, Marian; PERYL, Alina; CZECHOWICZ, Kazimierz.

The metabolic gradient of the development of the embryonic
chick heart. Postępy nig. med. doct. 17 no. 6(68)-698 N-D'63.

1. Z Instytutu Immunologii i Terapii Dziecięcej PAN im.
L.Hirschfelda we Wrocławiu.

CZCOWICZ, M.

R.O.L.

022-76

Wojciech Czadowicz, M. Józef W. Płuciennik, W. Influence of Gobs
on Overlying Rocks

Wydawnictwo Przemysłu Górnego, Warszawa, 1954, pp. 182-183, 4 figs., 4 tabs.

Coal resources in incompletely worked seams in the Polish coal fields amount to 10 billion thousand million tons. The authors review, on the basis of the Kleszczów coal field, the thickness of rock between seams in the thickness of the seam previously worked, & number of instances of incomplete working of seam. They find that prospects exist for the further working of such seams, difficulties are likely to occur at 1.5-2.0 seam thicknesses and substantial rifts in the roof (the longwall system of working can be adopted); difficulties begin when thickness exceeds 3.0-4.0, but are negligible in the working of seam if $K \geq 16$. The effect of the previous robbing of the lower seam has a more marked effect on thin seams not more than 1.5 metre thick and on thicker seams. The most conspicuous deformations occur along the edge of gob of the lower seam. Violent rock movements are of relatively short duration, and the long periods of waiting until they subside do not lessen the difficulties of work. Gobs which have been partly worked off at previous time. Recommendations for the working of such seams.

ZZP HOWICZ, M.

Damages to shafts and blind shafts during mining and protective measures.
p. 51b.

ZNAJOMSTWA GORNICZE. (Stowarzyszenie Naukowo-Techniczne Inżynierów i
Techników Górnictwa) Katowice. Poland.
Vol. 15, no. 10/11, Oct./Nov. 1959.

Monthly List of East European Accessions (EMAI) LC, Vol. 9, no. 2, Feb. 1959.

Incl.

PAGACZEWSKI, Janusz, dr; CZECHOWICZ, M., mgr inz.; OLCZAK, Tadeusz,
prof. dr

The Seismological Station in Krakow, 1953-1955. Biul obserwat
Krakow no.1:5-26 '64.

Observations of the Seismological Station in Krakow (Wawel) in
1955 and 1956. Ibid.:27-66

1. Institute of Geophysics of the Polish Academy of Sciences,
Warsaw (for Pagaczewski and Olczak). 2. Department of the
Lithosphere of the University, Warsaw (for Olczak).

CHROSCICKI, Stanislaw; CZECHOWICZ, Magdalena; OLENDER, Andrzej;
RADOMSKA, Maria

Tissue reactions to experimental perlon implants. Pol. przegl.
chir. 36 no.6:781-787 Ja '64

1. Z II Kliniki Chirurgicznej Akademii Medycznej w Warszawie
(Kierownik: doc. dr. Z. Lapinski).

CZECHOWICZ, Paweł, inż.

Cooperation of the local branch of the Association of Forestry
and Lumber Engineers and Technicians with the local Club of
Engineering and Production Efficiency. Przegl techn [84] no.7:
5 17 F '63.

C2 EC 44001 C2, 7

Czechowicz T.

Czechowicz T., Eng. "Calculation and Disposition of Colliery Rolling Stock." (Obliczenie i dysponowanie taborem kolej kopalnianych). Przeglad Gorniczy, No. 1-2, 1950, pp. 35-42, 10 figs., 1 tab.

Method of calculating the number of trucks indispensable in a mine and the disposition of them according to the time of loading the mine run into trucks in various sectors of a mine.

SO: Polish Technical Abstracts - No. 2, 1951

CZECHOWICZ, T.

Czechowicz T. One-Shift Transport Scheme.

"Przykład zmiennowy transportu". Przegląd Górnictwa, No. 7-8, 1954,
pp. 203-207, 1 fig.

G.P.

In choosing the system of transport in a mine, it is desirable to work out a one-shift transport scheme which gives the length of transport road, the output per shift, working time of the transport, the average loading per hour, the peak loading per hour, the capacity of transport equipment per hour, the peak capacity of that equipment, and the index of utilisation of the equipment, which leads to the determination of the planned transport equipment.

CZECHOWICZ, T.

An economic analysis of the costs of fluid stowing. Pt. 2. p. 442.

PRZEGLAD GORNICZY. (Stowarzyszenie Naukowo-Techniczne Inżynierów i Techników Górnictwa) Katowice, Poland, Vol. 15, no. 9, Sept. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1960.

Uncl.

CZECHOWICZ, Tadeusz, mgr inz.; KAMIONKA, Marian, mgr inz.

Economics of high-speed roads based on the results
achieved in the Boleslaw Smialy Mine. Wiadom gorn
13 no.7/8:246-247 Jl-Ag '62.

SOLTYS, Boguslaw, inz.; CZECHOWICZ, Tadeusz, mgr inz.

Experiments with the drilling and milling coal miner in the
Boleslaw Smialy mine. Wiadom gorn 16 no. 2:45-48 F '65.

CZECHOWICZ, W.

"Cue mining," p. 425. (PRZEGLAD GORNICZY Vol. 10, No. 12, Dec. 1954.
Stalinogrod, Poland)

SO: Monthly List of East European Acquisitions. (XERAL). LC. Vol. 4, No. 4.
April 1955. Uncl.

KIERSZ, Wadiunus; CZECZYK, Zdzislaw

Sovoro aramia in a case of gastric ulcer with liambliasis.
Lek. 18 no. 21 Suppl. 163-64 15 1 ' 64

I. Z II Oddziału Chorób Wewnętrznych Szpitala Miejskiego
w Starachowicach (Ordynator: lek. med. W. Kiersz).

CZECHOWICZOWA, N.

CZECHOWICZOWA, N. What is Skansen? p.10.

Vol. 28, no. 8, Aug. 1956

TURISTA

Poland

So: East European Accession, Vol. 6, No. 5, May 1957

CZECHOWNA, L.

"Problem of Drumlins in the Light of Published Researches," P. 50
(CZASOPISMO GEOGRAFICZNE, Vol. 23/24, 1952/53, Wroclaw, Poland.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3,
No. 12, Dec. 1954, Uncl.

CZECHOWSKA, Z.; Winogradow, L.

Preparing the insulating composition for the production of spark plugs
for automobiles. Pt. 2. p. 250.
(SZKLO I CERAMIKA. Vol. 7, no. 9, Sept. 1956, Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957.
Uncl.

Distr: 4E2c

8303

621.43.048.048.11

Winogradow L., Czechowska Z. Material for Insulators of Motor Car
Sparkling Plugs.

"Opracowanie tworzywa izolatorowego do produkcji dwieci samochodowych". Szkoła i Ceramika, No. 7-8, 1957, pp. 199-505, 13 tabs.

Investigations over the suitability of indigenous raw materials for the production of the mullite-corundum mass, have shown the following as being appropriate: aluminium oxide from the Grozowice cement works, Jaroszów clay, marble from Sławnów and magnesite from Sobótka. The final composition deviated as follows: Al_2O_3 , fired three times at a temperature of 1450° — 58 per cent; Jaroszów G — 2 clay — 30 per cent; marble — 4.5 per cent; magnesite — 5.4 per cent, and insulator breakage 2.1 per cent. Analyses of the mass and of fundamental parameters concerning the material obtained demonstrated that the mullite-corundum mass may be used in the production of insulators for sparking plugs. Examination of the properties of the crude and fired mass involved: chemical analyses of the mass and raw materials, ceramic properties, mineralogical and x-ray examinations, mechanical strength, physical and electrical properties, heat resistance; the results are tabulated.

CZUCHOWSKA, Zofia; DUBROWSKI, Jerzy; HAUSMAN, Artur; KOSTRZEWSKA, Ewa;
KRYSIAK, Janina; MURAWSKI, Krzysztof; PANASIEWICZ, Józef. ZAKRZEWSKI,
Kazimierz

Poliglukan, partially hydrolyzed dextran solution with anti -shock
action. Polskie arch. med. wewntrz. 24 no.1:1-17 1954.

1. Z instytutu Hematologii a Warszawie, kierownik. Działu Biochemii
Instytutu Hematologii: dr K. Zakrzewski, Dyrektor Instytutu: doc.
dr A. Hausman.

(DEXTRAN,
hydrolyzed solution, ther. of shock)

(SHOCK, therapy,
dextran hydrolyzed solution)

POL

The effects of various doses injected on the eyes of 5700 hours old chicks (*T. pectoralis*, *T. bengalensis*, *Gallus*, *C. sinensis*) were examined (School of Veterinary Medicine, Warsaw). A drop of 2N HCl was applied to the cornea of 2000 chicks anaesthetized with ether. After 10 minutes the number of birds was found with pupils dilated and contracted. The results were divided into groups according to the number of the chicks affected. Recovery was observed in all groups except the group receiving 0.01% HCl. Medication was applied subcutaneously to groups of 100 chicks. In the 0.01% HCl group recovery was observed in 90% of the chicks. The acute course of the disease was observed in the first 24 hours. Increased eye excitability and burns of the conjunctiva were observed in the second 24 hours. The conjunctiva became edematous and markedly infiltrated. The eyelids were swollen. Very often in exhaustion of the central nervous system the eyelids closed from the prolonged state of excitement. At the highest dose of 500 mg/kg under the effect of sedatives, the chicks were injected with doses of 0.7 g/kg of sodium pentobarbital. In addition to the normal sleep, which had previously been observed, a large dose of 1.4 g/kg urethane was injected. The chicks died. The symptoms of milioconiosis, the first morphological signs of infection, all disappeared well as long as in the primary stage. The conjunctival area of the central nervous system (ICV) the number of burns of the eyes is critical. The chicks die if 100% of the eyes burn. Burns in man, the conjunctiva of the central nervous system have an unfavorable effect on the eye condition. O. I. B.

CZECHOWSKA, Zofia; KUCHARSKA, Maria; ZYWICKA, Halina

Case of neuroblastoma. Polski tygod. 11 no.12:539-541
19 Mar 56.

1. Z Oddzialu Klinicznego Wewnetrznego Instytutu Hematologii;
kier.: doc. dr. Edward Kowalski, i z Pracowni Anatomopatologicznej
Instytutu Hematologii; kier.: dr. Zofia Czechowska. Otrzymano:
24 III. 1955, adres: Warszawa, Instytut Hematologii, ul.
Chocimska 5.

(ABDOMEN, neoplasms,
neuroblastoma, ther., nitrogen mustards (Pol))
(NEUROBLASTOMA,
abdom., ther., nitrogen mustards (Pol))
(NITROGEN MUSTARDS, therapeutic use,
neuroblastoma of abdom. (Pol))

Czechowska, Zofia

POLAND / Chemical Technology. - Ceramics, Glass, - Ceramics.
Binders. Concretes. Chemical Products and Their
Application. Part 2.

H-13b

Abs Jour : Referat. Zhurnal Khimiya, No 4, 1958, 11959.

Author : Leon Winigradow, Zofia Czechowska.

Inst : Not given

Title : Development of Insulation Mass for Automobile Sparking Plugs.

Orig Pub : Szklo i ceram., 1957, 8, No 7-8, 199 - 205.

Abstract : A formula of insulation mass of local materials for automobile sparking plugs was developed. Industrial alumina (97.2% of Al_2O_3) burnt three times at 1450° and Yaroshov fireclay (32.5% of Al_2O_3 , fire resistance 1750°) were used as raw materials, and pure marble from Slavinovichi and magnesite from Lower Silesia were used as admixtures. The composite

Card 1/2

POLAND / Chemical Technology. - Ceramics, Glass, - Ceramics.
Binders. Concretes. Chemical Products and Their
Application. Part 2.

H-13b

Abs Jour : Referat. Zhurnal Khimiya, No 4, 1959.

Abstract : position of the best mass brand B introduced into the industrial production is (in % by weight) as follows: alumina - 58, clay - 30, marble - 4.5, magnesite - 5.4, crushed insulators - 2.1. The characteristic of the mass is the following: total shrinkage - 18.7%, Ø blow. - 2.6 kg. cm per sq.cm, Ø bend. - 1100 kg per sq.cm, volume weight - 3.26 g per cub.cm, total porosity - 8.6%, apparent porosity - 0.01%; thermal stability - at a temperature difference of 280° no cracks were noted in the insulators; electrical properties (in accordance with the Soviet state all-union standard 2043-54): puncture voltage - 32 kv, insulator resistance - $3.6 \cdot 10^2$ ohm per cm at 20° and $1.0 \cdot 10^4$ ohm per cm at 800°.

Card 2/2

CZECHOWSKA, Z.

POLAND/Chemical Technology: Chemical Products and Their Application. Part 2. - Ceramics. Glass. Binders. Concretes. - Ceramics.

H

Abs Jour: Ref. Zhurnal Khimiya, No 21, 1958, 71492.

Author : Leon Winogradow, Zofia Czechowska.

Inst :

Title : Preparation of Insulation Mass for Spark Plug Production. Part 2.

Orig Pub: Szklo i ceram., 1957, 8, No 9, 250-255.

Abstract: The scheme of the technological process of spark plug (SP) production adopted at the factory of electrotechnical porcelain at Boguhvala is presented. The insulation mass is milled wet 24 hours in mills with Silex lining until the residue on 0.063 mm screen is less than 0.12%; after hav-

Card : 1/3

POLAND/Chemical Technology. Chemical Products and Their Application. Part 2. - Ceramics. Glass. Binders. Concretes. - Ceramics.

H

Abs Jour: Ref. Zhurnal Khimiya, No 21, 1958, 71492.

ing been filter-pressed, the mass is aged 14 days and treated in a vacuum press 2 or 3 times. Cylindrical half-products are prepared of the mass with a vacuum press, they are dried first 80 to 90 hours at 20 to 23° and, after that, 72 hours at 105°. The dry half-products are impregnated with paraffin and treated mechanically on a turret lathe with cutters covered with "Vidiya" alloy. SP-s are fired twice: biscuit-fired at 900° and fired finally (after glazing) at 1410°. The glazing of biscuit-fired SP-s is carried out by dipping them for 2 or 3 sec. in glazing mass of 1.38 to 1.39 specific gravity; the composition

Card : 2/3

?/

ZGLICZYNISKI, Leszek; CZECHOWSKA, Zofia; Han-Kiu-Uon; BOWKIEWICA, Janusz

Paragonimiasis pulmonum; comparative studies on anatomo-pathological and radiological changes in experimental animals and in humans. Polski przegl. radiol. 21 no.1:51-62 Jan-Feb 57.

1. Z Zakladu Radiologii Szpitala P.C.K. w Hamhynie (K.R.L.D.)
Kierownik: doc. dr. Zgliczynski. Dyrektor: doc. T. Orlowski.
Adres: Warszawa 45, Zeromskiego 64-40.

(DISTOMIASIS,

lungs, histopathol. & x-ray changes in clin. & exper.
cases (Pol))

(LUNG DISEASES.

paragonimiasis, histopathol. & x-ray changes in clin. &
exper. cases (Pol))

CZECHOWSKA, Zofia

SEGAL, Paweł; FREYTAG, Tadeusz; CZECHOWSKA, Zofia

Investigations on plastic material in experimental scleral
wounds in rabbits. Klin. oczna 27 no.1:9-13 1957.

1. Z Oddziału Ocznego C.W.S. Klinicznego. Ordynator: doc. dr.
P. Segal. Z Pododdziału Chirurgii Szczeniowej C.W.S. Klinicznego.
Kierownik: dr. T. Freytag Z Zakładu Anatomii Patologicznej A.M.,
w Warszawie. Kierownik: prof. dr. L. Paszkiewicz. Warszawa 12,
ul J. Dabrowskiego 77, m. 27.

(SCLERA, wounds & inj.

exper., use of plastic material in reconstruction &
healing of rabbit eye (Fel))
(PLASTICS

use in reconstruction & healing of rabbit eye following
exper. scleral wds. (Fel))

CETNAROWICZ, H.; CZECHOWSKA, Z.; KOPEC, M.; ZOBOKRZYCKI, J.

Cystic disease of renal pyramides. Polski przegl. radiol. 22 no.4:
233-240 July-Aug 58.

1. Z Instytutu Hematologii Dyrektor: doc. dr. med. A. Trojanowski.
(KIDNEYS, cysts
cystic dis. of renal pyramides, case report (Pol))

CZECHOWSKA, Zofia R. (Warszawa, ul. Chocimska 5, Instytut Hematologii)

Histopathology of the spleen in hematological syndromes. Polskie
arch. med. wewn. 29 no.3:295-301 1959.

1. Z Zakladu Anatomii Patologicznej Kierownik: lek. Z.R. Czechowska
Instytutu Hematologii Dyrektor: doc. dr med. A. Trojanowski.
(BLOOD DISEASES, pathol.
spleen (Pol))
(SPLEEN, pathol.
in blood dis. (Pol))

The histopathological lesions in the spleen in case of thrombocytopenic
haemolytic anaemia, granulomatous disease cases of hyperplasia are
discussed. There are no specific histological signs for any case of hyper-
plasia. There are other, complex characteristics of the hematological syn-
dromes, most distinct & constant in thrombocytopenia, less distinct in
haemolytic anaemia, & varied in granulomatosis.

29. MED. NO. 5 Vol. 1-11 5th Ed. 1959 57

CETNAROWICZ, Halina; CZECHOWSKA, Zofia; KOPEC, Maria

A case of multiple myeloma with storage of pathological proteins.
Polskie arch.med.wewnetrz. 29 no.10:1383-1391 '59.

l. Z Oddz. Wewn. Kierownik: doc. dr med. E. Kowalski i z
Pracowni Anatomopatologicznej Kierownik: dr med. Z. Czechowska
Instytutu Hematologii Dyrektor: doc. dr med. A. Trojanowski.
(PLASMA CELL blood)
(BLOOD PROTEINS)

ORLOWSKI, Witold J.; MICHNIOWSKA-LEONOWICZ, Janina; CZECHOWSKA, Zofia

Further experimental studies on methods for the treatment of
burns of the eye. Klin.oczna 30 no.1:79-94 '60.

1. Z oddzialu chorob oczu 1 WSO Ordynator: dr med. W.J. Orłowski
i z pracowni anatomiczno-patologicznej Instytutu Hematologii w War-
szawie. Kierownik: dr med. Z. Czechowska.

(EYE wds.& inj.)
(BURNS expe.)

CZECHOWSKA, Zofia, mgr inz.

Preliminary studies on laboratory processing on highly stable ceramic materials for radio components. Prace Inst teletechn 5 no.1:
83-89 '61.

OSETOWSKA, Ewa, doc. dr med.; IWANOWSKI, Lech; CZECHOWSKA, Zofia

Fahr's disease, a nosological or symptomatic unity? Neurol neurochir psych 12 no.3:345-350 My-Je '62.

1. Pracownia Warszawska Zakladu Neuropatologii Polskiej Akademii Nauk, Warszawa (Kierownik: doc. dr med. E. Osetowska) i Zaklad Anatomii Patologicznej, Instytut Hematologii, Warszawa, Pasteura 3. (Kierownik: doc. dr med. A. Trojanowski).

KOPEC, Maria; KURATOWSKA, Zofia; CZECHOWSKA, Zofia

A case of generalized vascular dysplasia with an unusual hematologic syndrome. Pol. arch. med. wewn. 33 no.2:201-208 '63.

1. Z Oddzialu Wewnetrznego Instytutu Hematologii w Warszawie Ordynator:
prof. dr med. E. Kowalski i z Zakladu Anatomii Patologicznej Instytutu
Hematologii w Warszawie Kierownik: dr med. Z. Czechowska.
(FISTULA, ARTERIOVENOUS) (HEMATOLOGY) (PATHOLOGY)
(SPLEEN) (ERYTHROCYTES)

PIATKOWSKA, Barbara; CZECHOWSKA Zofia

Leukoplakia cornea. Klin. oczna 34 no.1:73-80 '64

l. z Oddzialu Chorob Oczu w Warszawie (ordynator: doc.dr.med. W.J.Orlowski) i z Pracowni Anatomoo-Patologicznej Instytutu Hematologii w Warszawie (kierownik: dr.med. Z.Czechowska).

*

CZECHOWSKA-SOBCZYNSKA, Zofia; KALINSKA, Jadwiga; KUKOLEWSKA-MACHNICKA, Jadwiga

Results of the treatment of malignant granuloma with roentgen rays. Pol. przegl. radiol. 27 no. 4:339-345 '63.

l. Z Oddzialu Hematologicznego Kierownik: prof. dr med. W. Lawkowicz i z Oddzialu Wewnetrznego Kierownik: doc. dr med. S. Pawelski Z Instytutu Hematologii Dyrektor: doc. dr med. A. Trojanowski i z Zakladu Radiologii AM w Warszawie Kierownik: prof. dr nauk med. W. Zawadowski.
(HODGKIN'S DISEASE) (NEOPLASM RADIOTHERAPY)

CZECHOWSKI, A.

"Wybor Q uktadu wyjsciowego w urzadzeniach radionadawczych", Urzadzenia radionadawcze,
Czesc I, Kwart, Telekom, Nr 4, 1948.

Choise in the Arrangement of Transmitions in Radio Broadcasting Establishments.

SO: Urzadzenia radionadawcze, Czesc I, Unclassified.

55M/6
652.5
.R9
1954
Pt. I

CZECHOWSKI, A.

" Zasilanie urzadzen lampowych", 7 rozdzial ksiazki "Zasilanie urzadzen telekomunikacji przewodowej", Urzadzenia radionadawcze, Czesc I, Cz. II, PWT, Warszawa, 1950
"Strengthening Electricity Sources", 7th Chapter of the book "Strengthening the establish-
SO: Urzadzenia radionadawcze, Czesc I, Unclassified. ments of national telecommunica-
tion."

55M/6
652.5
.R9
1954
Pt.I

B 66
M

621.396.68 : 621.396.61 : 621.392.52
2022. Design of rectifier filters in radio transmitters.
A. Czechowski. Przegl. Telekomun., No. 8-9,
227-32 (Aug.-Sept., 1950) In Polish.

Design formulas are compiled taking into account
smoothing, keying, transients, surges. An example is
worked out in detail. A. SZEANBICKI

ATA-SLA METALLURGICAL LITERATURE CLASSIFICATION

100-110-111-112

142003 MAP ONLY ONE

EXHIBITION

100-110-111-112

MAP ONLY ONE

CZECHOWSKI, A.

Polish Technical Abstracts
No. 4, 1953
Mechanics, Electrotechnics,
Power

2416

621.365.5-6-95

Czechoš. A. H. E. Heating and the Six-Year Plan

„Guzmánova výroba vlastního vytápění v průmyslu. Plán 6-dobový
na rok 1953." Technický ročník No. 7-8, 1953, pp. 221-231, 40
fig., 10 tabl.

The paper gives a brief outline of the development of induction
heating together with a discussion of principles and typical uses. Illustra-
tions, formulas and tables show the range of possible applications
in engineering and industry.

CZECHOWSKI, A.

POL.

3350

621.396.64 : 621.314.3

Czechowski A., Ryżko S. The Need for Amended Classification of Resonant Amplifiers.

"O konieczności wprowadzenia zmienionej klasyfikacji wzmacniaczy rezonansowych", Przegląd Telekomunikacyjny, No. 3, 1934, pp. 69-71.
3 figs., 1 tab.

Attempts have been made to classify H.F. resonance amplifiers according to various degrees of excitation. This classification provides for 4 amplifier groups based on active grid current in the thermionic

amplifier. It is suggested that the following definitions be adopted:
Class C1 and C2 (alternatively — B1 and B2) — for amplifiers working in a non-excited state, without or with infinitesimal grid current;
Class C_{crit} (or B_{opt}) — for amplifiers working in a critical state; Class C3 (or B3) — for amplifiers working in a state of over-excitation, with the anode current in the form of an impulse with source; and, finally, Class 4 — for amplifiers working in a state of high over-excitation, when the anode current is in the form of split impulse.

BT JTH

CZECHOWSKI, A.

CZECHOWSKI, A. Technological efficiency of industrial constructions. p. 142.

Vol. 1, No. 4, Nov. 1956.

TELE-RADIO

TECHNOLOGY

Warszawa, Poland

So: East European Accession, Vol. 6, No. 2, Feb. 1957

CZECHOWSKI, A.

Rational supply of tools for production according to its serial character. p. 221.
(TELE-RADIO. Vol. 2, no. 5, May 1957, Warszawa, Poland)

SU: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957.
Uncl.

P/022/60/000/002/001/001
A222/A026

AUTHOR: Czechowski, Antoni, Master of Engineering

TITLE: On Proper Criteria in Sampling Evaluation

PERIODICAL: Przeglad Telekomunikacyjny, 1960, No. 2, pp. 40-46

TEXT: The article is the first part of two (Ref. Przeglad Telekomunikacyjny, 1960, No. 3, p. 85, for part II) in which the author explains the principles of sampling procedures and, using the concepts of statistical quality control, analyzes the most frequently used single and double-check programs with a low number of samples. By means of comparison of different control programs as to savings and risk characteristics, most rational programs are indicated. It has been established that the use of binomial distribution instead of hypergeometric distribution in low-number sampling involves a second order error. Differentiation of control programs is called for with respect to the importance of the quality checked. The characteristics of durability tests have been established for most programs used frequently. As an improvement suggestion to double checks, the author presents improved check programs at the end of the article in Table 5. He replaces such check programs as 2/4 - OS2 (2 samples in the first check, 4 in the second check, while S is the sum of rejects in both the

Card 1/2

P/022/60/000/002/001/001
A222/A026

On Proper Criteria in Sampling Evaluation

first and second checks; 2) with 2/4 - 011 (where the first "1" stands for the number of first check rejects postulating a further check, and the second "1" for the number of second check rejects making possible an acceptance of the party) and reduces the number of programs to be employed.

Card 2/2

85474

13.2941

P/022/60/000/003/001/001
A222/A026

AUTHOR: Czechowski, Antoni

TITLE: On Proper Criteria in Sampling Evaluation

PERIODICAL: Przegląd Telekomunikacyjny, 1960, No. 3, pp. 85-89

TEXT: The article is the second part of two (Ref. Przegląd Telekomunikacyjny, 1960, No. 2. p. 40, for part I), in which the author analyzes the error involved when binomial distribution is employed instead of hypergeometrical distribution, he compares different control programs for economy, points out the necessity of differentiation between control programs depending on the importance of qualities checked, compares evaluation criteria of life tests and outlines the criteria of sample size selection. The preference of binomial distribution to hypergeometrical distribution is established. In sample size selection, the author gives priority to minimum quality control requirements and deems economy of secondary importance; unless the objectives of economy call for a larger sample size, the size called for by minimum quality control requirements will be decisive. There are 8 figures, 2 tables and 19 references: 8 Polish, 8 English, 1 Soviet, 1 French and 1 German.

Card 1/1

13, 2900 (1159)

22838
P/022/60/000/010/003/012
A222/A126

AUTHOR: Czechowski, Antoni

TITLE: Preliminary Polish working program on the reliability of electronic equipment

PERIODICAL: Przegląd telekomunikacyjny, no. 10, 1960, 297-300

TEXT: The concept of reliability is specified as the probability of satisfactory performance in specified time and under specified conditions. Foreign trends of designing first reliable equipment are opposed to prevailing Polish views that operational improvements and debugging are sufficient to provide for high reliability; the author advocates mainly reliability and suggests that empirical improvements shall be used only to boost the reliability of equipment now on the assembly lines. It is recommended that the Instytut Tele-i Radiotechniczny (Institute of Telecommunications and Radio Engineering) uses pertinent foreign and Polish publications to prepare a reliability improvement program for equipment which so far reached the production stage. Experiences compiled by the Ośrodek Badawczy Sprzętu Łączności (Research Center of Communication Equipment) are valuable in set-

Card 1/3

Preliminary Polish working program ...

22838
P/022/60/000/010/003/012
A222/A126

ting up a proper program for maintaining the reliability of equipment in long use. To some extent, human engineering is involved in reliability; in a way this is the concern of Centralny Instytut Ochrony Pracy (Central Institute of Labor Protection), yet human engineering associated with equipment reliability must be entrusted to a competent institution, e.g. Katedra Konstrukcji Telekomunikacyjnych (Department of Telecommunication Designs), Politechnika Warszawska (Warsaw Polytechnic). Another important aspect is the terminology; it is suggested that a standard dictionary of terms pertaining to reliability theory and engineering be compiled, much like it has been done in the U.S. An organized response to equipment reliability is required on the user's part; like in other countries, the armed forces are a major user of such equipment. To ensure proper reliability of commercial equipment which is used by unorganized customers, the Polish Academy of Sciences is expected to provide proper service and, moreover, coordinate all Polish efforts in this field. There are 6 references: 4 Soviet-bloc and 2 non-Soviet-bloc. The reference to the most recent English-language publication reads as follows: N. L. Kreuder. Electronic Design: Reliability

Card 2/3

22838

P/022/60/000/010/003/012
A222/A126

Preliminary Polish working program ...

Versus Manufacturing Cost. IRE Wescon Convention Record 1959, Part 6.

ASSOCIATION: Warszawskie Zakłady Radiowe (Radio Plant of Warsaw)

X

Card 3/3

CZECHOWSKI, Antoni, mgr.inz.

On the method of evaluating work-planning in industrial institutes.
Przegl techn 81 no.23;12-14 Je '60.

CZECHOWSKI, Antoni

Planning the production of industrial equipment, of long production cycles and restricted series. Ekon org pracy 13 no.1:37-40 '62.

CZECHOWSKI, Antoni

On certain concepts connected with standardization.
Przegl telekom 34 no.8:225-228 Ag '62.

1. Instytut Tele-Radiotechniczny, Warszawa.

CZECHOWSKI, Antoni, mgr inz.

Problem of warranty on components and equipment in the light of the reliability theory. Przegl telekom 34 no.12:368-370 D '62.

1. Instytut Tele- i Radiotechniczny, Warszawa.

CZECHOWSKI, Antoni, mgr inż.

Protection of printed circuit boards against climatic influences.
Prace Inst teletechm 7 no.3:3-20 '63

1. Zastępca dyrektora dla spraw naukowo-badawczych, Instytut
Tele- i Radiotechniczny; wykładowca Wieczorowej Szkoły Inżynier-
skiej , Warszawa; Politechnika, Warszawa.

CZECHOWSKI, Antoni

Certain concepts in microelectronics. Przegl elektroniki 6 no.2:
53-58 '65.

POLAND

CZECHOWSKI, Antoni

Institute of Tele-Radio Engineering (Instytut Tele-1
Radiotechniczny)

Warsaw, Przeglad elektroniki, No 4, April 1966, pp 157-165

"The dependence of price on quality and modernity of products".

ACS

Central Intelligence Agency

XIV

Developments in the Polish ceramic industry. A. CIRKOWSKI, *Nauki i Gospodarka*, 2 [1] 18-21 (1951). The Polish ceramic industry possesses the basic requirements, the main needs are raw materials, fuel, labor, and demand. There is a great likelihood of a deficiency in high-quality raw materials from Polish sources; considerable possibilities of kaolin and white clay of better quality than known at present exist in Silesia. It would also be necessary to search widely for quartz, the properties of which are limited. Existing raw materials may be exploited by widening the activities of the heavy clay industry for building purposes and by improving production techniques. The ceramic industry does not attract the working people to a great degree. It is necessary to spread wider propaganda to interest more workers.

A.D.I.

CZECHOWSKI, Lech

Salvage and rescue at sea and the search and rescue service in Poland;
a discussion. Tech gosp morska 10 no.10:314-316 0 '60.

1. Koszalinski Urzad Morski.

ZYBIMON

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000509510004-7"

★ Czechowski, T.; Olekiewicz, M.; Perkal, J.; and Wiś-
niewski, W., Editors. Statystyka jako metoda
poznańcza. [Statistics as a method of research.]
Polskie Towarzystwo Przyrodników im. Kopernika.
 Państwowe Wydawnictwo Naukowe, Warsaw, 1956.
238 pp. zł 15.10.
Proceedings of a conference arranged by the Copernican
Society of Polish Naturalists. The volume contains seven
papers, by M. Fisz, W. Sadowski, T. Czechowski, J. Perkal,
M. Lacki, M. Kacprzak and M. Olekiewicz, and a record of
the discussion. The central points of the discussion are the
role of statistics in scientific research and the desirable
form of cooperation between the naturalist and the
statistician. J. Neyman (Berkeley, Calif.).

R8
11

★ Czechowski, T.; Fisz, M.; Iwiński, T.; Lange, O.; Sadowski, W.; i Zasępa, R., Tablice statystyczne. [Statistical tables.] Edited by Wiesław Sadowski. Państwowe Wydawnictwo Naukowe, Warsaw, 1957. 158 pp. 32 zl.

This collection contains the usual "classical" tables and, in addition, a number of useful tabulations of recent origin. Among the former are tables of the normal, bi-

nomial, Poisson, Chi-square, t , z , and F distributions; a page of tables dealing with the sample correlation coefficient; random numbers; assorted auxiliary tables such as binomial coefficients, squares, cubes, roots, logarithms, etc. Among the newer tables are those dealing with distribution-free techniques such as run-tests, sign-test, Kolmogorov's statistic D_n , Smirnov's $D_{m,n}$, and two entirely new tables of "golden" and "iron" numbers due to H. Steinhaus. The tables are selected and edited with great care, and the explanatory text is excellent.

Z. W. Birnbaum (Seattle, Wash.).

NOWAK, Kazimierz; PAPRZYCKI, Oswald; CZECHOWSKI, Włodzimierz

The specific weight and the physical and mechanical properties of
pressed flaxboard. Przegl wlokienn 16 no.5:271-274 Wy '62.

CZECHOWSKI, Włodzimierz, inż.

Possibilities of using scraper-loaders in ore mines. Rudy i metale
9 no.12:671-676 D '64.

CZECHOWSKI, Z., mgr inz.

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CZECHOWSKI, Z.

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